

FORM PTO-1390 (Modified)
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

2727-111

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/914052INTERNATIONAL APPLICATION NO.
PCT/EP00/01852INTERNATIONAL FILING DATE
03 March 2000 (03.03.00)PRIORITY DATE CLAIMED
01 March 1999 (03.03.99)

TITLE OF INVENTION

Oligomers Substituted by Phosphite Ester, Phosphonic Acid or Carborane Functions and the Corresponding PNA Monomers

APPLICANT(S) FOR DO/EO/US

Holger Bock, Thomas Lindhorst

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ Certificate of Mailing by Express Mail
20. ☐ Other items or information:

Declaration (unsigned)

WIPO publication cover page

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|---|--|--|
| U.S. APPLICATION NO. (IF KNOWN, SEE 09/91405) | INTERNATIONAL APPLICATION NO. PCT/EP00/01852 | ATTORNEY'S DOCKET NUMBER 2727-154 |
| 21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : <div style="margin-left: 20px;"> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00 </div> | | CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; height: 100px; width: 100%;"></div> |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$860.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | \$0.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA |
| Total claims | 10 - 20 = | 0 |
| Independent claims | 1 - 3 = | 0 |
| Multiple Dependent Claims (check if applicable). <input type="checkbox"/> | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | \$860.00 |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/> | | \$0.00 |
| SUBTOTAL = | | \$860.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | \$0.00 |
| TOTAL NATIONAL FEE = | | \$860.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/> | | \$0.00 |
| TOTAL FEES ENCLOSED = | | \$860.00 |
| Amount to be refunded | | \$ |
| charged | | \$ |

☒ A check in the amount of \$860.00

to cover the above fees is enclosed.

☐ Please charge my Deposit Account No. _____
A duplicate copy of this sheet is enclosed.

in the amount of

to cover the above fees.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **501145** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Ronald R. Santucci
Pitney, Hardin, Kipp & Szuch, LLP
711 Third Avenue, 20th Floor
New York, New York 10017

(212)687-6000

SIGNATURE

Ronald R. Santucci

NAME _____

28,988

REGISTRATION NUMBER

August 21, 2001

DATE _____

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Holger Bock, Thomas Lindhorst

Docket No.
097914052
2727-154

| Serial No. | Filing Date | Examiner | Group Art Unit |
|------------|-------------|----------|----------------|
|------------|-------------|----------|----------------|

Invention: OLIGOMERS SUBSTITUTED BY PHOSPHITE ESTER, PHOSPHONIC ACID OR CARBABORANE
FUNCTIONS AND THE CORRESPONDING PNA MONOMERS

I hereby certify that the following correspondence:

National Phase Appln. (25 pgs.); certified English Transl.
Transmittal Letter to US/DO/EO; IPER; Int'l. Search Report; WIPO Cover Pg.
Preliminary Amendment; Declaration(Unsigned); Check \$860.00; postcard

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on
August 21, 2001

(Date)

Randi Flamenbaum

(Typed or Printed Name of Person Mailing Correspondence)

Randi Flamenbaum

(Signature of Person Mailing Correspondence)

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